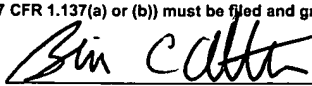


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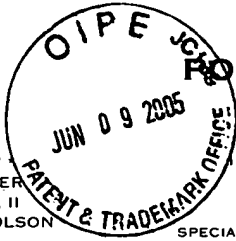
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 10X-196-US U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold;">10/538174</div>
INTERNATIONAL APPLICATION NO. PCT/US03/39129	INTERNATIONAL FILING DATE 9 December 2003	PRIORITY DATE CLAIMED 9 December 2002
TITLE OF INVENTION: DECISION FEED FORWARD EQUALIZER SYSTEM AND METHOD		
APPLICANT(S) FOR DO/EO/US: Timothy R. Miller; Paul R. Runkle		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 		

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U.S. APPLICATION NO. (known) 10/538174 (unknown) (37 CFR 1.53)		INTERNATIONAL APPLICATION NO. PCT/US03/39129		ATTORNEY'S DOCKET NUMBER 10X-196-US	
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21.	<input checked="" type="checkbox"/> Basic national fee		\$300.00	\$ 300.00	
22.	<input checked="" type="checkbox"/> Examination fee				
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$100.00	
All other situations				\$200.00	\$ 100.00
23.	<input checked="" type="checkbox"/> Search fee				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO has an International Searching Authority				\$100.00	
International Search Report prepared and provided to the Office				\$400.00	
All other situations				\$500.00	\$ 100.00
TOTAL OF 21, 22 and 23 =				\$ 500.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
41	-100 =	0	/50 =	0	x \$250.00
				\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	35 - 20 =	15	X	\$50.00	\$750.00
Independent claims	3 - 3 =	0	X	\$200.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+	\$360.00
				\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,250.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
SUBTOTAL =				\$ 0.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$ 0.00
TOTAL NATIONAL FEE =				\$ 1250.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
TOTAL FEES ENCLOSED =				\$ 1290.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1290.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1147 . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Brian C. Altmiller, Esq. Posz Law Group, PLC 12040 South Lakes Drive, Suite 101 Customer No.: 23400 Phone: (703) 707-9110			 SIGNATURE: Brian C. Altmiller NAME 37.271 REGISTRATION NUMBER		

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* NOT ADMITTED IN VIRGINIA
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TRADEMARK AND COPYRIGHT MATTERS



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10/538174

JC17 Rec'd PCT/PTO 09 JUN 2005

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June 9, 2005

PCT DO/EO/US HAND DELIVERY FILING RECEIPT

Applicant: **Miller et al.**

For: **DECISION FEED FORWARD EQUALIZER SYSTEM AND METHOD**

Docket: **10X-196-US**

Attorney: **Brian C. Altmiller**

Date of Deposit: **June 9, 2005**

The following documents are being hand delivered to, and deposited with, the USPTO at the DO/EO/US, Customer Service Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314 on the above-indicated date, and are addressed to the Commissioner of Patents and Trademarks/Assistant Commissioner for Patents, Mail Stop PCT:

- Return receipt postcard;
- Completed Transmittal Letter Form PTO-1390, including fee calculation sheet;
- Executed Declaration for Utility or Design Patent Application (37 CFR 1.63);
- Executed Assignment with Recordation Cover Sheet (4 pages total);
- Information Disclosure Statement with Form PTO-1449 listing 6 references and;
- Check for \$1290.00 for payment of basic national stage filing fee and assignment recordation fee.